

17414  
101503PTO/SB/05  
U.S. PTOU.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## UTILITY PATENT APPLICATION TRANSMITTAL

**MAIL STOP PATENT APPLICATION**  
**C mmisi ner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Cust m r No. 23696  
 Attorney Docket N .. 030169  
 Date: October 15, 2003  
 Express Mail Label No.: EL977101257US

17858 U.S.PTO  
10/686960

101503

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Tao LiFor: A VIRTUAL DUAL-PORT SYNCHRONOUS RAM ARCHITECTURE.

Enclosed are:

1.  Patent application (11) total pages.
2.  Drawings:  Formal (4) sheet(s) or  Informal ( ) sheet(s).
3.  Declaration/Power of Attorney:  Signed  Unsigned
4.  This application claims priority from Application Serial No. , Filed , Status
5.  An Assignment (1) pages and Recordation Form Cover Sheet.
6.  A Preliminary Amendment ( ) pages.
7.  Information Disclosure Statement (IDS):
  - a.  PTO-1449
  - b.  Copies of IDS Citations (number of citations: )
8.  Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	21 - 20	1	x \$18 =	\$18.00
Independent**	4 - 3	1	x \$86 =	\$86.00
Multiple Dependent Claim(s): <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes			\$280	\$0
APPLICATION FILING FEE			\$770	\$770.00
			TOTAL FEE	\$874.00

\*If the number in column a is less than 20, enter 0 in column b.

\*\*If the number in column b is less than 3, enter 0 in column b.

9.  A check in the amount of \$\_\_\_\_ is enclosed to pay the filing fee.
10.  Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$874.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
11.  The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: October 15, 2003Signature: Kevin Cheatham, Reg. No. 48,766  
Phone No. (858) 845-8450CORRESPONDENCE ADDRESS

Send correspondence to Customer No. 23696 at the following address:  
 QUALCOMM Incorporated  
 Attn: Patent Department  
 5775 Morehouse Drive  
 San Diego, California 92121-1714  
 Telephone: (858) 658-5787  
 Facsimile: (858) 658-2502